



BOMBFROG

DW-15 (V2)

user manual

1.0 Introduction

Thank you for choosing the BOMBFROG DW-15 (V2) watch. This watch contains major functions as below:

- Current time, alarm, chronograph, timer, pacer, dual time;
- Pedometer, calorie counter, sport mileage;
- Weather forecast, thermometer, altimeter, barometer, compass;

Detailed specification please see attached appendix.

In order to operate and perform the watch well, please follow the below instructions:

- Read the instruction carefully and keep it well before usage;
- Avoid using the watch in extreme conditions;
- Do not disassemble the watch yourself;
- Clean the watch with one soft cloth, do not use the organic solvent;
- Keep the watch away from the magnet or magnetic objects;
- Keep the watch in one dry place when not in use.

2.0 Button Introduction

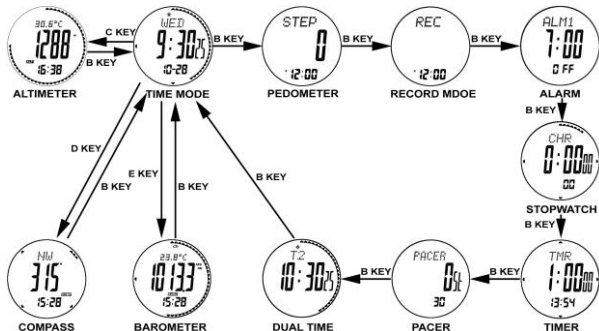


LIGHT(A): switch on EL back light for 3 seconds/zero-clear/delete data;

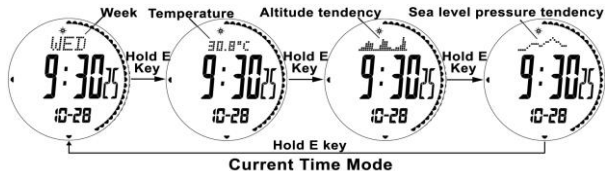
MODE(B): function convert/press and hold will start setting;

ALTI-(C): altimeter mode/decrease;
COMP(D): compass mode;
BARO+(E): barometer mode/increase.

3.0 Function Diagram



4.0 Current Time Mode—Function Display



Function Display

Top: weather forecast and press E button for 2 seconds will convert the following 4 functions,

- Weekday
- Temperature
- Altitude tendency chart
- Sea level air pressure tendency chart

Medium: time

Bottom: date

NOTE: If you want to achieve one accurate atmosphere temperature, you need to take the watch down for 20-30 minutes, in order to eliminate the influence of body temperature.

4.1 Current Time Mode-Weather Forecast



Weather Forecast

With the change of air pressure before, the watch will achieve the corresponding weather forecast, but it will be different from the actual weather;

How to Display the Weather in Future

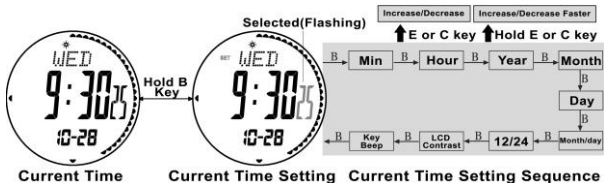
The watch will display the weather in future by the following 4 icons:

➤ Sunny

- Partly cloudy
- Cloudy
- Rainy

This function only could display under current time and dual time mode.

4.2 Current Time Mode-Current Time Setting



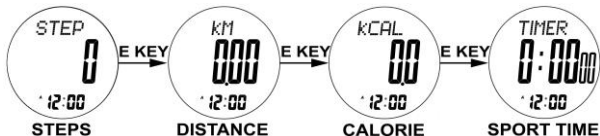
How to Set the Current Time

1. Under time mode, press and hold B button until the flashing icon **"SET"** and second digit appear;
2. Press B button to convert;

3. When the digit of second is flashing (selected), press E/C button to clear the digit to **"00"**.
4. When the other digit of minute, hour, year, month or day is flashing (selected), press E/C button to increase/decrease the digit (press and hold button to change faster);
5. When the month/day and 12/24 hour format is flashing, press E/C button to convert;
6. When the LCD contrast is flashing, press E/C button to increase/decrease the contrast level (1-10);
7. When the beep is flashing, press E/C button to switch ON/OFF it;
8. Press and hold B button to save and exit.

5.0 Pedometer Mode

- Under time mode, press B button to enter into pedometer mode and the step value will be 0;
- Under pedometer mode, press A button, EL back-light will last 3 seconds;
- Press and hold A button for 3 seconds to zero-clear the step value;
- Press B button to enter into pedometer storage mode, press and hold B button to enter into pedometer setting mode;
- Press C button, nothing will happen; press and hold C button to switch ON/OFF pedometer;
- Press D button, nothing will happen;
- Press E button to convert the modes sequentially as below:
Step→Mileage→Calorie→Sport time→Step

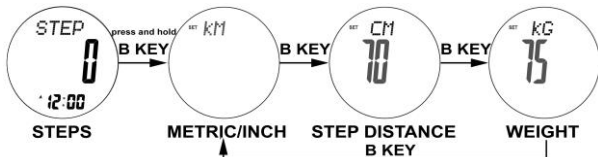


NOTE:

1. The step icon will appear if pedometer starts;
2. Only under pedometer mode, press and hold C button to switch ON/OFF pedometer.

5.1 Pedometer Setting Mode

- Under pedometer mode, press and hold B button to enter into setting and reviewing user information, the default setting of metric system will flash;
- Press B button to convert the modes sequentially as below:
Metric/Imperial System → Step distance → Weight → Metric/Imperial System



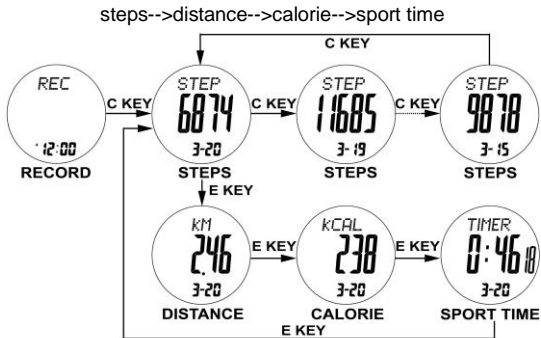
- Metric/Imperial system: the default system is metric, press E/C button to convert metric/imperial system. After adjustment, weight and step distance unit will be changed automatically;
- Weight setting: the default value is 75 kg(165LB), the setting range is: 20-200KG/44-441LB;
- Step distance setting: the default value is 70CM(28INCH), the setting range is: 30-180CM/12-77INCH;
- Press E/C button to increase/decrease the digit, press and hold E/C button to change faster;
- Press B button to save and exit.

6.0 Pedometer Storage Mode

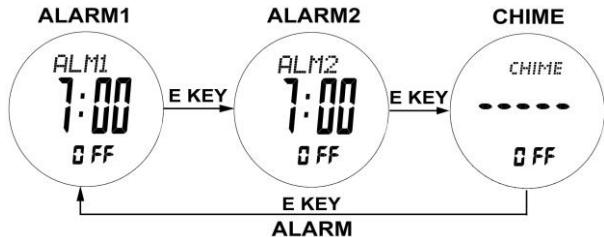


1. Under time mode, press B button two times to enter into pedometer storage mode, then will display the default data;
2. Under pedometer storage mode, press A button, EL back-light will last for 3 seconds;
3. Press and hold A button over 3 seconds, then the storage data will be cleared;
4. Press B button to enter into alarm mode;
5. Press C button, nothing will happen;
6. Press C button to review 7 days history data (if any);

7. Press E button to convert the data of each day sequentially (if any):



7.0 Alarm Mode-Alarm 1, Alarm 2 and Hourly Chime




Alarm 1, Alarm 2

- The watch contains 2 sets of alarm: alarm 1 and alarm 2, working independently;
- Press E button to convert among alarm 1, alarm 2 and hourly chime;

How to Switch ON/OFF Alarms

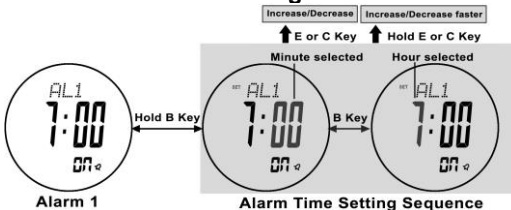
1. Under alarm 1 (2) mode, press C button to switch ON/OFF alarm

- 1 (2);
2. When alarm 1 (2) is ON, the icon  will appear;
3. If the alarm icon appears, the watch will beep at the presetting alarm time every day, then press any buttons to stop the sound or it will stop automatically after 30 seconds;

How to Switch ON/OFF Hourly Chime

1. Under hourly chime mode, press C button to switch ON/OFF;
2. When hourly chime is ON, the icon “**CHIME**” will appear, and the watch will beep at the hourly time.

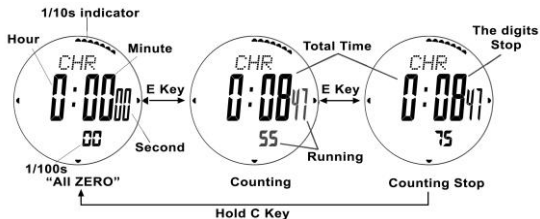
7.1 Alarm Mode-Alarm Setting



How to Set the Alarm 1 and Alarm 2

1. Under alarm 1 (2) mode, press and hold B button until the flashing icon “**SET**” appears;
2. Press B button to convert between minute and hour;
3. When the minute or hour is flashed (selected), press E/C button to increase/decrease the digits (press and hold button to change faster);
4. Press and hold B button to save and exit.

8.0 Chronograph Mode-Switch ON/OFF Chronograph



Chronograph Mode

- The watch contains functions of cumulative time and lap time;
- The digits are 0 in the first use or after zero clearing;

How to Switch ON/OFF the Chronograph

1. Under chronograph mode, press E button to switch ON/OFF the chronograph;
2. Repeat the above mentioned steps, the watch will start

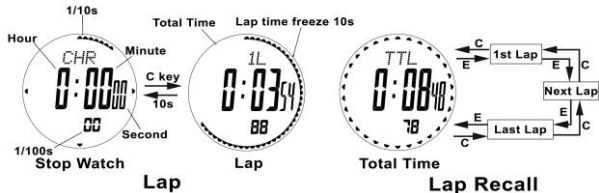
accumulative time;

How to Reset the Chronograph

- Press and hold C button, the chronograph will be reset after it has been switched off.

NOTE: The lap time before also will be deleted after zero clearing the chronograph.

8.1 Chronograph Mode-Record and Review Lap Time



Lap Time

- The watch could start lap time up to 100 laps, even if switch on accumulative time;

How to Record Lap Time

1. When start the chronograph, press C button one time will record one lap (it will not influence the accumulative time);
2. The lap and time will be displayed; the watch will return to timing display after 15 seconds and the lap icon will disappear;
3. Repeat the above mentioned steps to achieve the other lap time.

How to Review Lap Time

1. Under chronograph mode, press and hold B button to enter into reviewing display;
2. Press E/C button to review the lap time before or after (press and hold button will change faster);
3. Press and hold B button to exit

How to Delete Lap Time

- Press and hold C button, the digits will be zero cleared when switch off the chronograph.

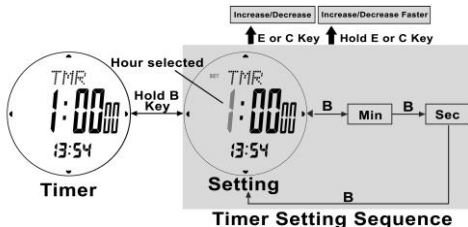
9.0 Timer Mode



Timer

- The watch will count down from starting time to 0;
- The starting time could be preset.

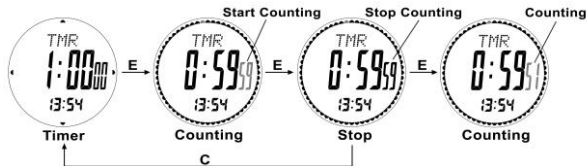
9.1 Timer Mode-How to Preset the Starting Time



How to Preset the Starting Time

1. Under timer mode, press and hold B button until the flashing icon "**SET**" appears;
2. Press B button to convert hour, minute and second;
3. Press E/C button to increase/decrease the digit (press and hold button to change faster);
4. Press and hold B button to save and exit.

9.2 Timer Mode-Timer Usage



Timer Usage

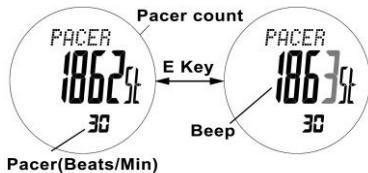
1. After presetting the starting time, press E button to start/stop timer;
2. After stopping timer, press C button, then it will recover to the presetting value before. The watch will return to time mode automatically if there are no any button operations after pausing for 5 minutes.

Timer Beeping Sound

After timer stopped, the beeping sound will last for 30 seconds. Press any button to terminate it.

NOTE: Do not switch on EL back-light during timer.

10.0 Pacer Mode-Pacer Usage



Pacer Introduction

- When start the pacer, the watch will work according to setting BPM;
- BPM setting ranges from 30 to 180, minimum step value is 5BPM;
- The pacer will return to zero and start again under maximum step value 99999;

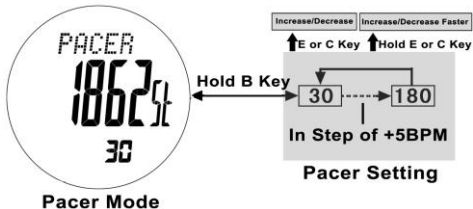
Pacer Usage

- Under pacer mode, press E button to start setting and recording BPM. Press E button again, the pacer will stop.

Repeat the above mentioned steps, it could record cumulatively;

- Press and hold C button, the record will be cleared;
- Convert to other modes, the pacer will pause; return to pacer or chronograph mode, it will start beeping;

10.1 Pacer Mode-Pacer Setting



How to Set BPM (frequency)

1. Under pacer mode, press and hold B button to start setting;
2. Press E/C button to increase/decrease the digits (press and hold

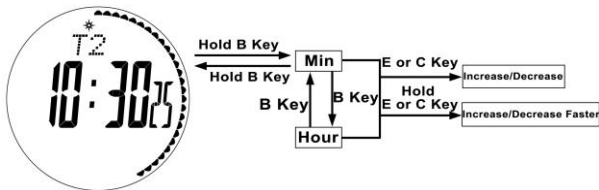
button to change faster);

3. Press and hold B button to save and exit.

Walk in accordance with the beeping sound of watch (suitable BPM is 80-120).

NOTE: To save the power, the watch will exit the pacer mode if it lasts over 8 hours.

11.0 Dual Time Mode-Dual Time Setting

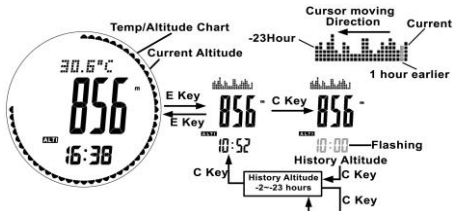


Dual time and current time is working independently.

How to Set Dual Time

1. Under dual time mode, press and hold B button until the flashing icon “**SET**” appears;
2. Press B button to convert minute and hour;
3. Press E/C button to increase/decrease the digit (press and hold button to change faster);
4. Press and hold B button to save and exit.

12.0 Altimeter Mode-Temperature and Altitude Historical Chart



Function Display

- The watch contains 2 functions: temperature and altitude historical chart;
- Press E button to convert temperature and altitude historical chart;

Temperature Display

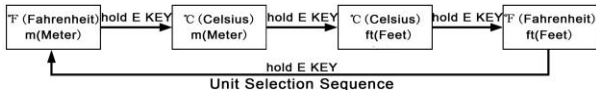
Temperature could be displayed with two units: degree Celsius (°C)

or degree Fahrenheit(°F);

Historical Altitude Display

- The watch could record the current altitude value automatically at every o'clock and generate the historical altitude chart;
- If the user wants to review the historical altitude value in the past 23 hours, press C button, then the corresponding altitude record and its recording time (flashing) will appear on the display;

12.1 Altimeter Mode-Units Convert



How to Convert between Units?

- Altitude unit: meter(m) or feet(ft);
- Temperature unit: degree Celsius (°C) or degree Fahrenheit

(°F);

- Press and hold E button to convert the units as above.

12.2 Altimeter Mode-Absolute Altitude and Relative Altitude

Absolute Altitude and Relative Altitude

- Absolute altitude is the vertical distance from the current location to the sea level;
- Relative altitude is the vertical distance from the current location to the presetting zero height.


12.3 Altimeter Mode-Altitude Adjustment



Why the altimeter needs to be adjusted?

- As the altitude value is calculated from the air pressure, but the air pressure varies often;.
- To achieve a more accurate value, the altimeter needs to be calibrated appropriately.

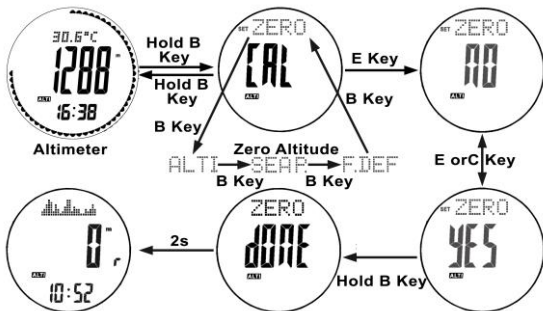
4 kinds of altimeter adjustment method

- Zero altitude: set an altitude as 0, in order to measure the relative altitude easily, until the icon “” appears;
- Absolute altitude: set altitude to a target value;
- Sea level air pressure: input a target sea level air pressure value;
- Factory default setting: reset the watch to factory default setting, meaning sea level air pressure is 1013.2mb.

NOTE: the above 4 methods work independently, if you choose one method, then the previous setting of other 3 methods will not work

NOTE: the watch contains the feature of sea level air pressure correction automatically. It means that the sea level air pressure will be corrected automatically beneath one same altitude.

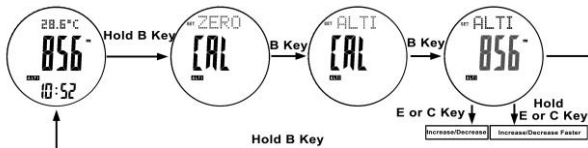
12.4 Altimeter Mode-Zero Altitude Adjustment



Zero Altitude Adjustment

1. Under altimeter mode, press and hold B button to convert the following 4 kinds of adjustment method: zero altitude, absolute altitude, sea level air pressure and factory default setting;
2. Under zero altitude, press E button, the icon “NO” will appear;
3. When the icon “NO” appears, press E/C button to select “YES” (adjust the altitude to zero) or “NO”(cancel the adjustment);
4. Press B button to save and exit. If “YES” is selected, then exit after icon “DONE” for 2 seconds.

12.5 Altimeter Mode-Absolute Altitude Adjustment

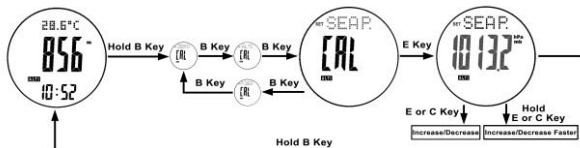


Absolute Altitude Adjustment

1. Under altimeter mode, press and hold B button to convert the

- following 4 kinds of adjustment method: zero altitude, absolute altitude, sea level air pressure and factory default setting;
2. Under absolute altitude, press E button, the altitude value will appear;
 3. When the altitude value appears, press E/C button to increase or decrease the digits to the target altitude value (Press and hold the button to change faster);
 4. Press and hold B button to save and exit.

12.6 Altimeter Mode-Sea Level Air Pressure Adjustment



Sea Level Air Pressure Adjustment

1. Under altimeter mode, press and hold B button to convert the

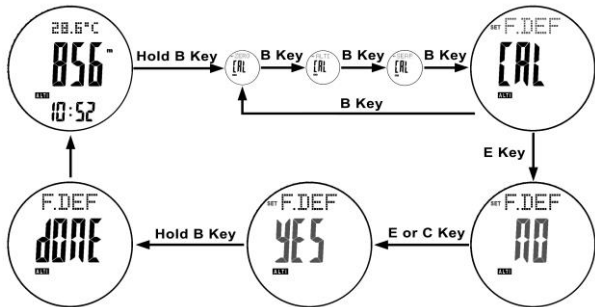
following 4 kinds of adjustment method: zero altitude, absolute altitude, sea level air pressure and factory default setting;

2. Under sea level air pressure (SEAP), press E button, the SEAP value will appear;

3. When the SEAP value appears, press E/C button to increase or decrease the digits to the target SEAP value (Press and hold the button to change faster);

4. Press and hold B button to save and exit.

12.7 Altimeter Mode-Factory Default Setting Adjustment



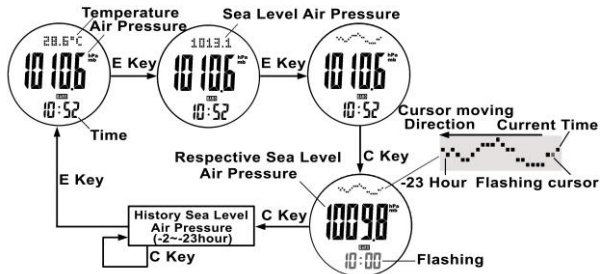
Factory Default Setting Adjustment

1. Under altimeter mode, press and hold B button to convert the following 4 kinds of adjustment method: zero altitude, absolute altitude, sea level air pressure and factory default setting;
2. Under factory default setting (F.DEF), press E button, the icon "NO" will appear;
3. When the icon "NO" appears, press E/C button to select "YES"

(factory default setting) or “NO”(cancel the adjustment);

4. Press B button to save and exit. If “YES” is selected, then exit after icon “DONE” for 2 seconds.

13.0 Barometer Mode-Temperature and Air Pressure Historical Chart



Function Display

- The watch contains 3 functions: temperature, sea level air pressure and air pressure historical chart;

Temperature Display

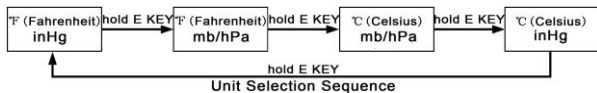
- Temperature could be displayed by degree Celsius (°C) or degree Fahrenheit (°F);

Air Pressure Historical Chart

- The watch could record the current SEAP value automatically at every o'clock and generate the air pressure historical chart;

- If the user wants to review the air pressure historical value in the past 23 hours, press C button, then the corresponding air pressure record and its recording time (flashing) will appear on the display;

13.1 Barometer Mode-Unit Convert



How to convert between units

- Air pressure unit: mb/hPa / inHg;
- Temperature unit: degree Celsius (°C) or degree Fahrenheit (°F);
- Press and hold E button to convert the 4 units as above.



Absolute Air Pressure

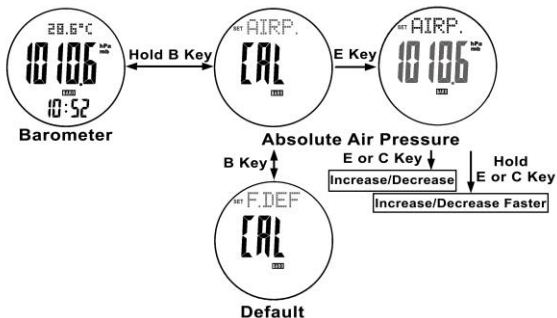


Default

2 kinds of Barometer Adjustment

- Absolute air pressure: adjust the air pressure value to the target one.
- Factory default setting: reset the watch to factory default setting.

13.2 Barometer Mode-Absolute Air Pressure Adjustment



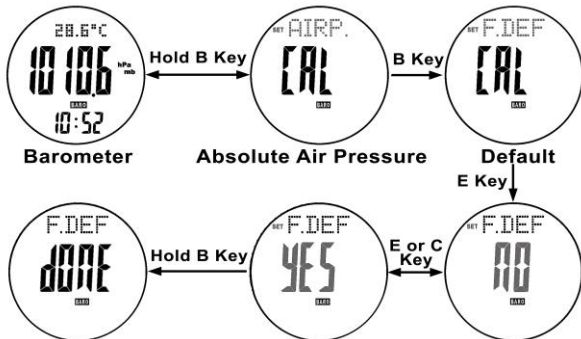
Absolute Air Pressure Adjustment

1. Under barometer mode, press and hold B button to convert the following 2 kinds of adjustment method: absolute air pressure and factory default setting;
2. Under absolute air pressure, press E button, the air pressure value will appear;
3. When the air pressure appears, press E/C button to increase or

decrease the digits to the target air pressure value (Press and hold the button to change faster);

4. Press B button to save and exit.

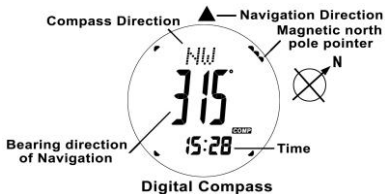
13.3 Barometer Mode-Factory Default Setting Adjustment



Factory Default Setting Adjustment

1. Under barometer mode, press and hold B button to convert the following 2 kinds of adjustment method: absolute altitude and factory default setting;
2. Under factory default setting (F.DEF), press E button, the icon "NO" will appear;
3. When the icon "NO" appears, press E/C button to select "YES" (factory default setting) or "NO"(cancel the adjustment);
4. Press B button to save and exit. If "YES" is selected, then exit after icon "DONE" for 2 seconds.

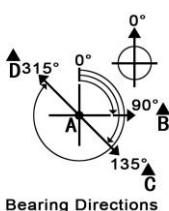
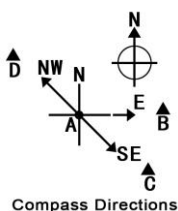
14.0 Compass Mode-Notices



Notices

- Keep your watch away from magnets or magnetic objects;
- Pay attention to the difference between north magnetic pole and north pole, see more details afterwards;
- Calibrate the compass regularly.

14.1 Compass Mode-Direction and Azimuth



Marks	Compass Directions	Bearing Directions
N	North	349° - 11°
NNE	North Northeast	12° - 33°
NE	Northeast	34° - 56°
ENE	East Northeast	57° - 78°
E	East	79° - 101°
ESE	East Southeast	102° - 123°
SE	Southeast	124° - 146°
SSE	South Southeast	147° - 168°
S	South	169° - 191°
SSW	South Southwest	192° - 213°
SW	Southwest	214° - 236°
WSW	West Southwest	237° - 258°
W	West	259° - 281°
WNW	West Northwest	282° - 303°
NW	Northwest	304° - 326°
NNW	North Northwest	327° - 348°

Direction

- As shown in figure, the direction of object B, C, D relative to object A is separately East, Southeast, Northwest;

Azimuth

- Azimuth is one angle between the object and the true north (clockwise);
- As shown in figure, the azimuth of object B, C, D relative to object A is separately 90° , 135° , 315° .

14.2 Compass Mode-Compass Mode



Normal



IDLE



Distortion

Compass Mode Display

- TOP: direction;
- Middle: azimuth;
- Bottom: current time;
- Digital compass rotation display (imitate the traditional compass);

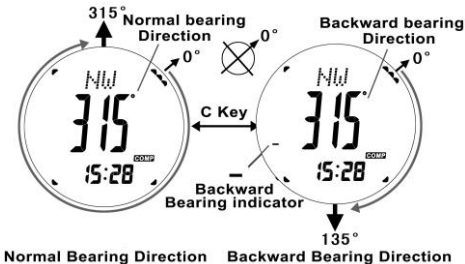
IDLE Mode

- The watch will enter into the IDLE mode automatically, if no any key operation for 1 minutes. Then press any buttons, the compass will be activated again;

Distortion Mode

- If distortion is being detected, the flashing icon “OFFCAL” will appear; If it is being occurred, please re-calibrate the compass. See more details afterwards.

14.3 Compass Mode-Compass Mode

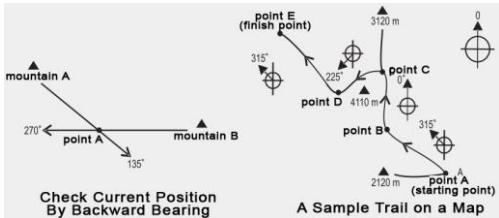


Back Azimuth

- Back azimuth is opposite to azimuth (180°);
- Under compass mode, press C button to convert azimuth and back azimuth;

- If back azimuth is selected, the icon “-” will appear.

14.4 Compass Mode-Applications of the Compass



Determine the Current Location

- Choose two landmarks in the distance, like mountains, lighthouses, or buildings, such as mountain A and B as shown in figure;
- Measure the back azimuth between mountain A/B and your current location, which is 135° and 270° ;
- Draw two straight lines separately in accordance to the

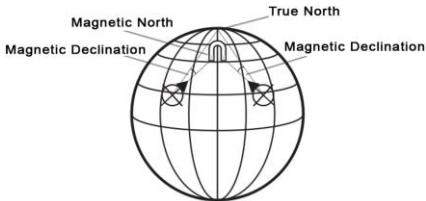
corresponding back azimuth on the map, starting from mountain A and B;

- The crossing of two lines will be your current location;

Determine the Accuracy of Heading

- Starting from A and ending at E, as shown in figure;
- Mark the inflection point of every direction respectively , which is B, C, D
- Find out the azimuth of adjacent points, i.e. the azimuth from A to B is 315° ;
- From A to B, you could head according to this azimuth. So you will arrive at E finally.

14.5 Compass Mode-Magnetic Declination



What is Magnetic Declination

- As shown in figure, there are differences between magnetic north pole and true north pole. The angle between them is called magnetic declination;
- The size and orientation of magnetic declination depends on your location on the earth;
- Calibrations of magnetic declination see the following chapter;

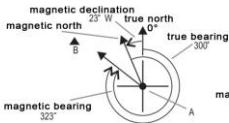
Magnetic Declination Information

- Most professional maps will mark the magnetic declination information;
- The magnetic declination information of major cities in the

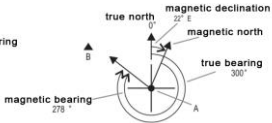
world is given on Chapter 15.7;

- If the magnetic declination information of your city is not given, then it could obtain from the internet.

14.6 Compass Mode-Magnetic Declination Compensation



True Bearing(TB)=
Magnetic Bearing(MB)-Westerly Magnetic Declination(W)
 $300^{\circ}(\text{TB})=323^{\circ}(\text{MB})-23^{\circ}(\text{W})$
Compensate the Bearing
with Westerly(W) Magnetic Declination



True Bearing(TB)=
Magnetic Bearing(MB)+Easterly Magnetic Declination(E)
 $300^{\circ}(\text{TB})=278^{\circ}(\text{MB})+22^{\circ}(\text{E})$
Compensate the Bearing
with Easterly(E) Magnetic Declination

Examples of Magnetic Declination Compensation

- Pay attention to the way of magnetic declination compensation, minus in west and plus in east
- **Example 1:** west magnetic declination is 23° and the azimuth (magnetic north pole) of object B is 323° ,

$$TB = MB - WMB = 323^\circ - 23^\circ$$

$$TB = 323^\circ - 23^\circ$$

$$TB = 300^\circ$$

The true azimuth is 300° ;

- **Example 2:** east magnetic declination is 22° and the azimuth (magnetic north pole) of object B is 278° ,

$$TB = MB + EMB = 278^\circ + 22^\circ$$

$$TB = 278^\circ + 22^\circ$$

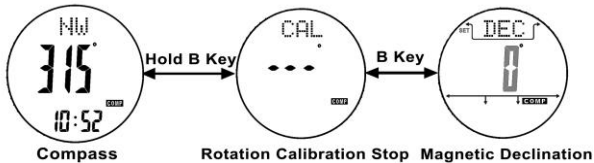
$$TB = 300^\circ$$

The true azimuth is 300° .

14.7 Compass Mode-Magnetic Declination in Major Cities

No.	Country/Place	Major City	Declination	No.	Country/Place	Major City	Declination
1	Afghanistan	Kabul	+3E	33	Netherlands	Amsterdam	+0E
2	Australia	Canberra	+12E	34	New Zealand	Wellington	+22E
3	Austria	Vienna	+3E	35	Norway	Oslo	+2E
4	Bahrain	Manama	+2E	36	Pakistan	Islamabad	+2E
5	Bangladesh	Dhaka	+0E	37	Philippines	Manila	-1W
6	Belgium	Brussels	+0E	38	Portugal	Lisbon	-3W
7	Brazil	Brasilia	-21W	39	Russia	Moscow	+10E
8	Canada	Ottawa	-14W	40	Singapore	Singapore	+0E
9	Chile	Santiago	+3E	41	South Africa	Cape Town	-24W
10	China	Beijing	-6W	42	Spain	Madrid	-2W
11	China	Hong Kong	-2W	43	Sweden	Stockholm	+5E
12	Costa Rica	San Jose	-1W	44	Switzerland	Bern	+1E
13	Cuba	Havana	-4W	45	Taiwan	Tai-pei	-4W
14	Czech Republic	Prague	+3E	46	Thailand	Bangkok	-1W
15	Denmark	Copenhagen	+3E	47	UAE	Abu Dhabi	+2E
16	Egypt	Cairo	+4E	48	United Kingdom	London	-2W
17	Finland	Helsinki	+8E	49	United States	Washington, DC	-11W
18	France	Paris	-1W	50	United States	Juneau	+22E
19	Germany	Berlin	+3E	51	United States	Phoenix	+11E
20	Greece	Athens	+4E	52	United States	Little Rock	+1E
21	Hungary	Budapest	+4E	53	United States	Sacramento	+14E
22	India	New Delhi	+1E	54	United States	Denver	+9E
23	Indonesia	Jakarta	+1E	55	United States	Atlanta	-4W
24	Israel	Jerusalem	+4E	56	United States	Honolulu	+10E
25	Italy	Rome	+2E	57	United States	Boston	-15W
26	Japan	Tokyo	-7W	58	United States	Saint Paul	+1E
27	Jordan	Amman	+4E	59	United States	Jackson	+0E
28	Kenya	Nairobi	+0E	60	United States	Santa Fe	+9E
29	Korea	Seoul	-8W	61	United States	Oklahoma City	+5E
30	Malaysia	Kuala Lumpur	+0E	62	United States	Salem	+16E
31	Mexico	Mexico City	+6E	63	United States	Harrisburg	-11W
32	Nepal	Kathmandu	+0E	64	United States	Salt Lake City	+12E

14.8 Compass Mode-Compass Calibration



When needs to calibrate the compass

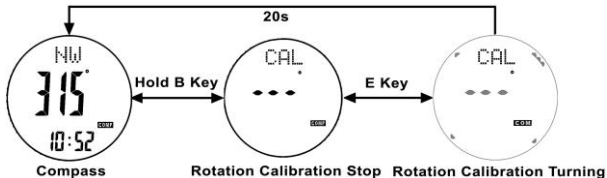
- The watch needs to calibrate the compass in the following situations:
 - first use;
 - battery replacement;
 - distortion status;
 - the magnetic declination differs from the before one after changing location;

How to calibrate the compass

- The compass calibration contains 2 modes: rotation calibration and magnetic declination calibration;

- The compass accuracy will be improved if 2 modes are being operated together.

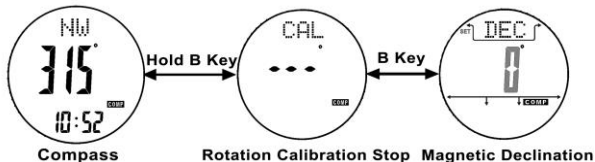
14.9 Compass Mode-Rotation Calibration



Rotation Calibration

1. Under compass mode, press and hold B button;
2. Press B button to convert rotation calibration and magnetic declination calibration;
3. Press E button to start rotation calibration (digital compass starts to rotate), meanwhile, rotate the watch horizontally and gradually in one direction;
4. After 2 circles rotation, it will back to the compass mode.

14.10 Compass Mode-Magnetic Declination Calibration



Magnetic Declination Calibration

1. Check the magnetic declination of your location firstly;
2. Under compass mode, press and hold B button;
3. Press B button to convert rotation calibration and magnetic declination calibration;
4. Under magnetic declination calibration mode, press E/C button to increase/decrease to the target magnetic declination (press and hold the button to change faster);
5. Press and hold B button to save and exit.

15.0 Battery-Low Battery Reminding



Low Battery Reminding

- Under low battery, the icon of "□" will appear. Please replace the battery CR2032 immediately;
- Under extremely cold environment, the low battery icon will appear, and it will disappear in normal environment;

NOTE: All the records of the watch before will be cleared, please keep the records and reset.

16.0 Appendix-Major Functions

Current Time Mode

- Hour, minute, second, AM/PM, month, day, weekday, temperature, barometer chart, altitude chart;

Time Format

- 12/24 hour format;

Perpetual Calendar

- 2004-2099;

Weather Forecast

- 4 kinds of weather;

Pedometer Mode

- Accuracy: 1 step;
- Range: 0~999999 steps;
- Calorie, distance and exercise time;

Alarm

- Alarm 1, alarm 2;
- Hourly chime;

Chronograph

- Accuracy: 1/100 second;
- Range: 99 hours 59 minutes 59.99 seconds;

- Cumulative time and 100 laps time;
- Lap review;

Timer

- Accuracy: 1 second;
- Range: 99 hours 59 minutes 59 seconds;
- Beep sound;

Pacer

- Range: 30 BPM to 180 BPM;
Stepping unit: 5 BPM per step;

Dual Time

- Hour, minute, second, AM, PM;

17.0 Appendix-Major Specifications

Altimeter Mode

- Accuracy: 1m (1ft);
- Range: -706m to 9164m (-2316ft to 30065ft);
- Altitude chart: historical altitude chart in last 24 hours;

Barometer Mode

- Accuracy: 0.1 mb/hpa (0.1inHg);
- Range: 300-1100 mb/hpa (8.85inHg-32.48 inHg);
- Altitude chart: historical altitude chart in last 24 hours;

Compass Mode

- Accuracy: 1° ;
- Range: 0° -360° ;
- Method: 16 directions, azimuth, digital compass, back azimuth;

Thermometer Mode

- Accuracy: 0.1°C (0.1°F);
- Range: -10.0°C-60°C (14°F to 140°F);

Pedometer Mode

- Accuracy: 1 step;
- Range: 0-999999 steps;

- Calorie: 0-99999.9 Kcal;
- Distance: 0-9999.99 KM (0-9999.99 Miles);

Battery

- 3V lithium battery (CR2032);
- Low battery reminding;

Waterproof

- 10 ATM